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US 20060058852 A1	US- PGPUB	20060316	26	Multi-variable feedback control of stimulation for inspiratory facilitation	607/42		Koh; Steve et al.
US 20060047319 A1	US- PGPUB	20060302		System and method for determining optimal atrioventricular delay based on intrinsic conduction delays	607/9		Bruhns; Ken et al.
US 20050277992 A1	US- PGPUB	20051215	21	Collecting and analyzing sensed information as a trend of heart failure progression or regression	607/9	600/509	Koh, Steve et al.
US 20050256545 A1	US- PGPUB	20051117		System and method for evaluating heart failure using an implantable medical device based on heart rate during patient activity	607/17		Koh, Steve et al.
US 20050240240 A1	US- PGPUB	20051027		System and method for applying therapy during hyperpnea phase of periodic breathing using an implantable medical device	607/42		Park, Euljoon et al.
US 20050216067	US- PGPUB	20050929		System and method for	607/17		Min, Xiaoyi et

A1				predicting a heart condition based on impedance values using an implantable medical device			al.
US 20050215914 A1	US- PGPUB	20050929		System and method for evaluating heart failure based on ventricular end-diastolic volume using an implantable medical device	600/508		Bornzin, Gene A. et al.
US 20050055060 A1	US- PGPUB	20050310		Determination of respiratory characteristics from AV conduction intervals	607/17		Koh, Steve et al.
US 20040138716 A1	US- PGPUB	20040715		System and method for detecting circadian states using an implantable medical device	607/17		Kon, Steve et al.
US 20040106962 A1	US- PGPUB	20040603		Implantable stimulation device and method for adjusting AV/PV delay according to patient's posture	607/19		Mai, Junyu et al.
US 20040102814 A1	US- PGPUB	20040527		Physician programmer system with telemetered sensor waveform	607/17		Sorensen, Chris et al.
US	US-	20040101		Implantable	607/25		Park,

20040002743 A1	PGPUB			cardiac device having a system for detecting T wave alternan patterns and method			Euljoon et al.
US 20030195579 A1	US- PGPUB	20031016		Automatic capture using independent channels in bi-chamber stimulation	607/27		Bradley, Kerry et al.
US 20030153956 A1	US- PGPUB	20030814		Cardiac stimulation device including sleep apnea prevention and treatment	607/17		Park, Euljoon et al.
US 20030153955 A1	US- PGPUB	20030814		Cardiac stimulation device including sleep apnea prevention and treatment	607/17		Park, Euljoon et al.
US 20030153954 A1	US- PGPUB	20030814		Sleep apnea therapy device using dynamic overdrive pacing	607/17		Park, Euljoon et al.
US 20030153953 A1	US- PGPUB	20030814		Stimulation device for sleep apnea prevention, detection and treatment	607/17		Park, Euljoon et al.
US 20020004671 A1	US- PGPUB	20020110		System and method for preventing sudden heart rate drop using implantable cardiac pacing device	607/9		Bornzin, Gene A. et al.

US 20020002389 A1	US- PGPUB	20020103		Cardiac stimulation devices and methods for measuring impedances associated with the left side of the heart	607/8		Bradley, Kerry et al.
US 20010049542 A1	US- PGPUB	20011206		System and method for automatically verifying capture during multi-chamber stimulation	607/28		Florio, Joseph J. et al.
US 20010037067 A1	US- PGPUB	20011101		System and method for monitoring progression of cardiac disease state using physiologic sensors	600/483	607/17	Tchou, Patrick et al.
US 6999817 B2	USPAT	20060214		Cardiac stimulation device including sleep apnea prevention and treatment	607/19	607/9	Park; Euljoon et al.
US 6937900 B1	USPAT	20050830		AC/DC multi- axis accelerometer for determining patient activity and body position	607/19	607/18	Pianca; Anne M. et al.
US 6928324 B2	USPAT	20050809		Stimulation device for sleep apnea prevention, detection and treatment	607/20	607/18; 607/42	Park; Euljoon et al.
US 6915164	USPAT	20050705		Automatic	607/29		Bradley;

B2				capture using independent channels in bi-chamber stimulation				Kerry et al.
US 6904320 B2		USPAT	20050607	Sleep apnea therapy device using dynamic overdrive pacing		607/17		Park; Euljoon et al.
US 6881192 B1		USPAT	20050419	Measurement of sleep apnea duration and evaluation of response therapies using duration metrics		600/529	600/484; 600/501; 607/17; 607/42	Park; Euljoon
US 6788970 B1		USPAT	20040907	System and method for treating vasovagal syncope using cardiac pacing		607/17		Park; Euljoon et al.
US 6748261 B1		USPAT	20040608	Implantable cardiac stimulation device for and method of monitoring progression or regression of heart disease by monitoring interchamber conduction delays		600/510	600/509; 607/9	Kroll; Mark W. et al.
US 6741885 B1		USPAT	20040525	Implantable cardiac device for managing the progression of heart disease and method		600/509	600/529; 607/19; 607/20	Park; Euljoon et al.
US 6738666 B1		USPAT	20040518	Detection of orthostatic		607/18		Park; Euljoon et

				hypotension using positional data and cross- check data			al.
US 6711439 B1	USPAT	20040323		Evoked response variability as an indicator of autonomic tone and surrogate for patient condition	607/9		Bradley; Kerry et al.
US 6643548 B1	USPAT	20031104		Implantable cardiac stimulation device for monitoring heart sounds to detect progression and regression of heart disease and method thereof	607/17	600/513; 600/514; 600/528; 607/18; 607/6	Mai; Junyu et al.
US 6636766 B2	USPAT	20031021		System and method for preventing sudden heart rate drop using implantable cardiac pacing device	607/19	607/17	Bornzin; Gene A. et al.
US 6606517 B1	USPAT	20030812		Methods and apparatus for preventing atrial arrhythmias by overdrive pacing and prolonging atrial refractoriness using an implantable	607/14		Park; Euljoon et al.

				cardiac stimulation device				
US 6572557 B2	USPAT	20030603		System and method for monitoring progression of cardiac disease state using physiologic sensors	600/483			Tchou; Patrick et al.
US 6567700 B1	USPAT	20030520		Implantable cardiac stimulation device and method which optimizes pacing effectiveness	607/9	607/18		Turcott; Robert et al.
US 6512953 B2	USPAT	20030128		System and method for automatically verifying capture during multi-chamber stimulation	607/28			Florio; Joseph J. et al.
US 6510342 B1	USPAT	20030121		Methods and apparatus for preventing atrial arrhythmias by overdrive pacing multiple heart tissue sites using an implantable cardiac stimulation device	607/15	607/14		Park; Euljoon et al.
US 6466821 B1	USPAT	20021015		AC/DC multi-axis accelerometer for determining patient activity	607/18	607/19		Pianca; Anne M. et al.



				and body position				
US 6456880 B1		USPAT	20020924		Implantable cardiac stimulation device for and method of monitoring progression or regression of a patient's heart condition by monitoring ventricular repolarization interval dispersion	607/25		Park; Euljoon et al.
US 6449509 B1		USPAT	20020910		Implantable stimulation device having synchronous sampling for a respiration sensor	607/20	600/533; 600/547; 607/17	Park; Euljoon et al.
US 6351672 B1		USPAT	20020226	11	System and method for modulating the pacing rate based on patient activity and position	607/19	607/17	Park; Euljoon et al.
US 6275733 B1		USPAT	20010814		Dual sensor rate response pacemaker	607/18	607/19	Park; Euljoon et al.
US 6269264 B1		USPAT	20010731		Method for measuring impedance in the body	600/547	607/28	Weyant; Robert R. et al.
US 6128534 A		USPAT	20001003		Implantable cardiac stimulation device and method for varying pacing parameters to mimic	607/17	607/25	Park; Euljoon et al.

				circadian cycles				
US 6044294 A		USPAT	20000328	Methods and apparatus for measuring impedance in the body		600/547	607/9	Mortazavi; Said et al.
US 5991661 A		USPAT	19991123	System and method for measuring cardiac activity		607/19		Park; Euljoon et al.
US 5800467 A		USPAT	19980901	Cardio- synchronous impedance measurement system for an implantable- stimulation device		607/17		Park; Euljoon et al.